

## CLAIMS

1. A comparative radiology diagnostic process comprising the steps of:

a first radiology step, in which a patient is scanned by a radiology device to produce a first analog image of an area of interest;

a first conversion step in which the first analog image is converted into a first digital image signal which may be stored in a computer;

a second radiology step in which the patient is scanned by the radiology device to produce a second analog image of the area of interest;

a second conversion step in which the second analog image is converted into a second digital image signal, which may be stored in the computer; and

a comparing step in which the computer identifies changes in the area of interest by comparing the first digital image signal with the second digital image signal, to detect changes thereby.

2. A comparative radiology diagnostic process, as defined in Claim 1, wherein the first and second radiology steps are performed using an X-ray machine on the area of interest of the patient.

3. A comparative radiology diagnostic process, as defined in Claim 1, wherein the first and second radiology steps are performed using an MRI machine on the area of interest of the patient.

4. A comparative radiology diagnostic process, as defined in Claim 1, wherein the first and second radiology steps are performed using a Computerized Axial Tomography machine on the area of interest of the patient.